Broadband

EZ Connect™
2-Port ADSL Bridge Router

Model Number: SMC7003ADSL

Asymmetrical Digital Subscriber Line (ADSL) broadband WAN technology is ideal for residential or SOHO environments. Data and voice transmissions can be made simultaneously. Data is transmitted at 8 Mbps over distances up to 18,000 feet (more than 3 miles.)

The new SMC7003ADSL dual-port bridge router brings instant voice, data, and video access to your desktop up to 150 times faster than a 56k modem. This router provides unsurpassed asymmetric high-speed data transmission over a single copper pair, linking business and home offices and individual subscribers to their network service providers.

This SMC7003ADSL is a full router and bridge that scales as the network expands. The flexibility derived from Ethernet and USB ports enables simultaneous sharing of the ADSL line and local resources. This flexibility allows multiple PCs to share office resources, access the Internet simultaneously, and keep network users connected at all times. The SMC7003ADSL also functions as a home gateway which enables simultaneous Internet access for up to 253 users with one IP address. The modem also supports both full-rate DMT connection (with 8 Mbps downstream and 640 Kbps upstream), and the more economical G.lite connection (with 1.5 Mbps downstream and 512 Kbps upstream).

Incorporated firewall technology protects internal networks from outside intruders and hackers. Plug-and-play installation allows instant connection. Remote management capabilities and firmware upgrades provide increased convenience and protection of your investment as your networking needs evolve.

With this new ADSL bridge router, investments are protected through the support of popular xDSL connection models, including PPP over Ethernet, PPP over ATM,bridging and routing.

Benefits

Features

- Plug-and-play installation for instant connectivity
- Firewall technology protects the internal networks
- Virtual Private Networks with PPTP and L2TP clients
- Remote management and firmware upgrade

Benefits

- ADSL technology brings instant voice, data,and video access to your PC up to 150 times faster than a 56k modem
- Functions as a Bridge, Router, and Home Gateway
- Ethernet and USB ports provide greater flexibility for simultaneous sharing of the ADSL and local resources

Compatibility

PC
IEEE 802.3
USB 1.1

Basic ADSL
Full-Rate ADSL
ANSI T1.413,
ITU G.992.1 (G.dmt)
G.992.2 (G.lite)
G.994.1 (G.hs)

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SPECIFICATIONS

SMC7003ADSL

ADSL Features
Compatible with all leading DSLAMs
Supports DMT line modulation
Supports Full-Rate ADSL:up to 8 Mbps downstream,up to 640 Mbps upstream (G.992.1 & T1.413, Issue 2)
Supports G.Lite ADSL:up to 1.5 Mbps downstream,up to 512 Kbps upstream (G.992.2)
Supports DSL handshaking (G.994.1)

ATM Features
RFC1483 Encapsulation (IP, Bridging, & Encapsulated Routing)
PPP over ATM (LLC & VC multiplexing) (RFC2364)
Classical IP (RFC1577)
Supports up to 8 PVCs
Traffic shaping (UBR,VBR,CBR)
ILMI v4.0
OAM (I.610) support
PPP over Ethernet
PPP over Ethernet relay agent

LAN Features
DHCP server
DHCP Client
DHCP Relay
DNS Relay
IP Multicast

Management Features
Plug-&-Play Installation
Local & Remote Management
Microsoft® Windows configuration
Telnet configuration
Command Line Interface
Firmware upload/download via TFTP/BootP
Alarm Status & Power Indicators
Event & History logging
Network Ping & Trace Route
SNMP Support

Security Features
Firewall
- Packet Filtering
- NAT
- NAPT

VPN
- PPTP Support
- L2TP Support

Password protected configuration access
User authentication (PAP/CHAP) with PPP

Physical Interfaces
ADSL Router with a 10Base-T Ethernet port, USB port & an ADSL port
WAN Status & Power LED indicators

Minimum System Requirements
Any computer with an Ethernet 10Base-T or USB interface
Any operating system that supports an Ethernet Connection with an IP stack Installation CD requires Windows 95, Windows 98, Windows NT 4.0 or Windows 2000

Bridging Features
Transparent Bridging including Spanning Tree Protocol (IEEE 802.1D)

Routing Features
TCP/IP with RIP v1 & v2
Static Routing

Physical Specifications
Dimensions
8 x 6 x 1.5 in

Temperature
32º - 104º F

Humidity
5% - 85% non-condensing

Regulatory Approvals
UL 1950
FCC Part 15 class B
CS 03 Issue 8 Industry Canada
CE Mark
IEC 60950,CSA 950/US

LED Indicators
Power
Sync
Alarm
ATM ACT

Product	Description
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